Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101122\
Data File : VU051377.D
Acq On : 11 Oct 2022 16:52
Operator : JC/MD
Sample : N5041-05DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 11 23:38:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 23:36:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	971	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	1215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.813	65	20	0.263	ug/L	0.22
Spiked Amount 5.000	Range 40 - 130		Recovery = 5.200%#			
7) Chloroethane-d5	1.768	69	42	0.643	ug/L	-0.14
Spiked Amount 5.000	Range 65 - 130		Recovery = 12.800%#			
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount 5.000	Range 60 - 125		Recovery = 0.000%#			
20) 2-Butanone-d5	4.639	46	165	9.852	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 19.700%#			
24) Chloroform-d	5.070	84	21	0.148	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 3.000%#			
26) 1,2-Dichloroethane-d4	5.700	65	965	13.195	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 263.800%#			
32) Benzene-d6	5.729	84	122	0.457	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 9.200%#			
36) 1,2-Dichloropropane-d6	6.706	67	79	0.871	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 17.400%#			
41) Toluene-d8	7.896	98	795	3.327	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.600%#			
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 5.000	Range 55 - 130		Recovery = 0.000%#			
46) 2-Hexanone-d5	8.398	63	246	24.490	ug/L	-0.23
Spiked Amount 50.000	Range 45 - 130		Recovery = 48.980%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223	3.077	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 61.600%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	731	3.462	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 69.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.517	50	842	7.795	ug/L	84
6) Bromomethane	1.935	94	62	1.075	ug/L #	3
8) Chloroethane	1.941	64	197	2.916	ug/L #	43
12) 1,1-Dichloroethene	2.575	96	64	0.931	ug/L #	1
13) Acetone	2.649	43	629	50.076	ug/L	88
14) Carbon disulfide	2.784	76	366	1.738	ug/L #	76
15) Methyl Acetate	2.787	43	22	0.720	ug/L #	50
16) Methylene chloride	3.044	84	12142	119.575	ug/L	93
17) Methyl tert-butyl Ether	3.362	73	2476	15.718	ug/L #	87
18) trans-1,2-Dichloroethene	3.346	96	39	0.539	ug/L #	53
22) cis-1,2-Dichloroethene	4.665	96	88965	1110.149	ug/L	96
25) Chloroform	5.089	83	209	1.340	ug/L	99
27) 1,2-Dichloroethane	5.816	62	243	2.601	ug/L #	74
33) Benzene	5.771	78	21	0.065	ug/L	100
34) Trichloroethene	6.546	95	7050	87.182	ug/L	92
35) Methylcyclohexane	6.546	83	93	0.912	ug/L #	1
42) Toluene	7.970	91	1091	3.171	ug/L	97
44) trans-1,3-Dichloropropene	8.160	75	25	0.271	ug/L #	43
45) 1,1,2-Trichloroethane	8.404	97	1459	23.388	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101122\
Data File : VU051377.D
Acq On : 11 Oct 2022 16:52
Operator : JC/MD
Sample : N5041-05DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 11 23:38:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 23:36:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.565	164	20	0.336	ug/L	#	1
48) 2-Hexanone	8.690	43	1951	56.212	ug/L	#	58
49) Dibromochloromethane	8.558	129	19	0.271	ug/L	#	11
52) Ethylbenzene	9.571	91	72	0.233	ug/L	#	45
53) m,p-Xylene	9.697	106	22	0.183	ug/L	#	54
55) Styrene	10.127	104	21	0.108	ug/L	#	30
64) 1,3-Dichlorobenzene	11.841	146	78	0.205	ug/L	#	25
65) 1,4-Dichlorobenzene	11.841	146	78	0.208	ug/L	#	25
71) Naphthalene	14.118	128	73	0.211	ug/L	#	68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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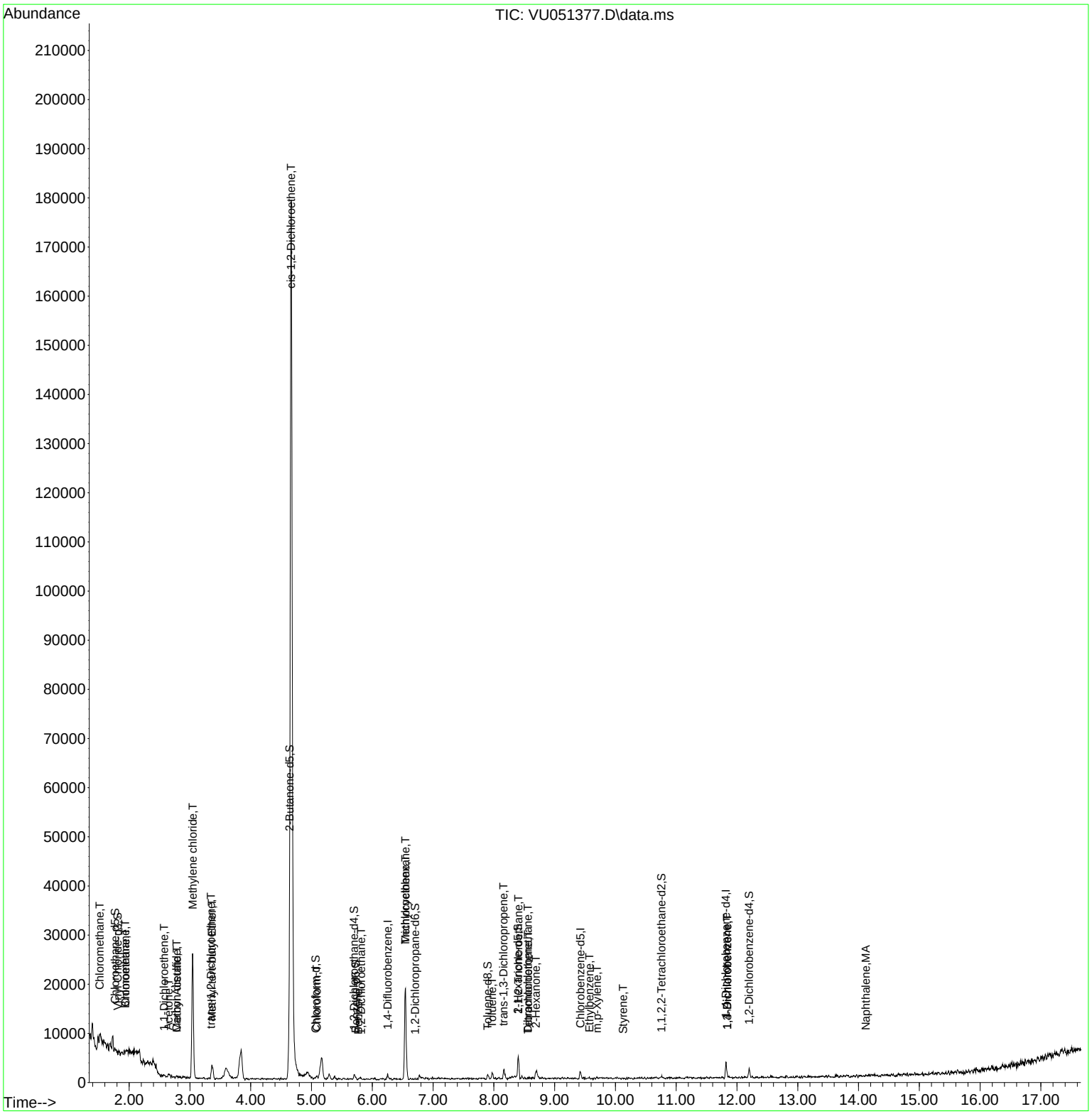
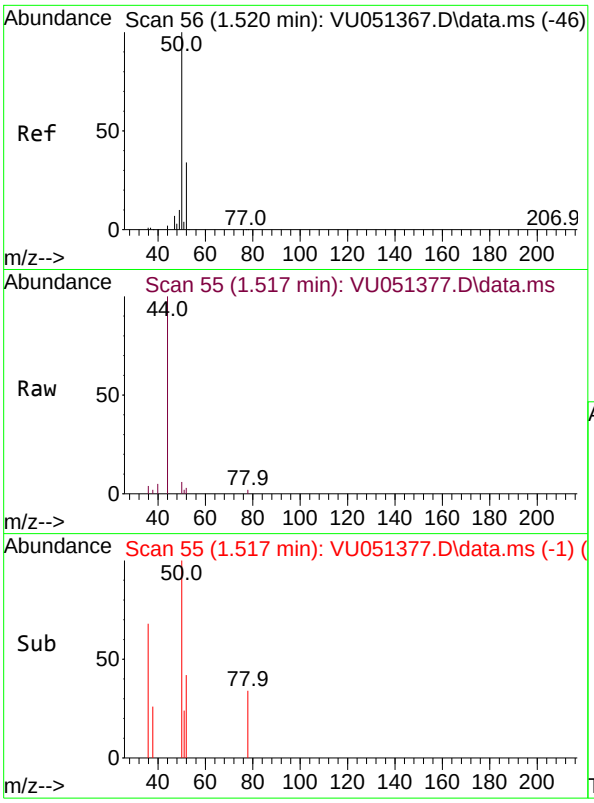
Response via : Initial Calibration



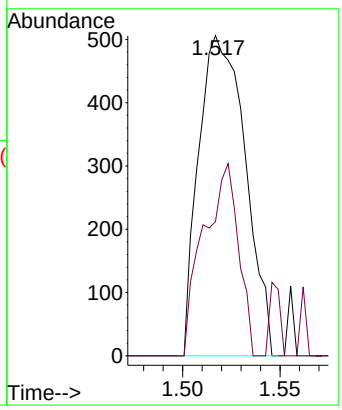


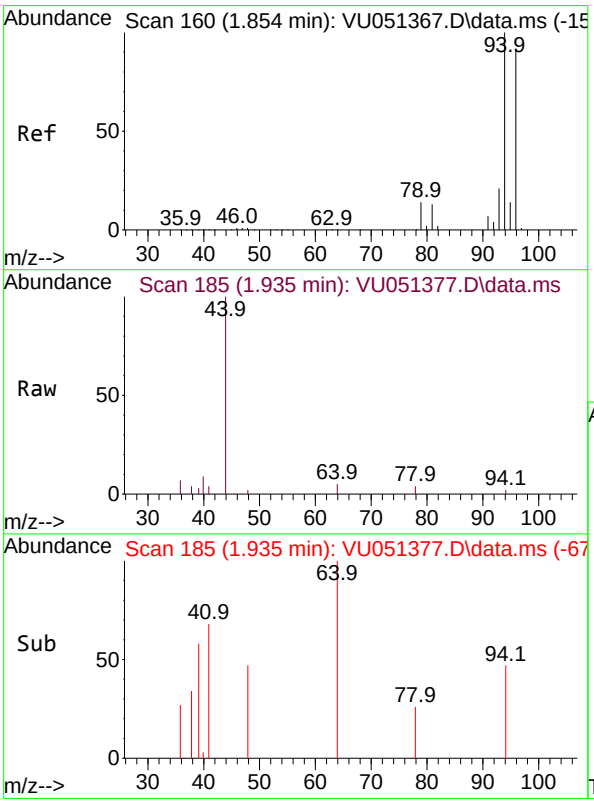
#3
Chloromethane
Concen: 7.795 ug/L
RT: 1.517 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 842

Ion	Ratio	Lower	Upper
50	100		
52	41.9	22.9	42.5

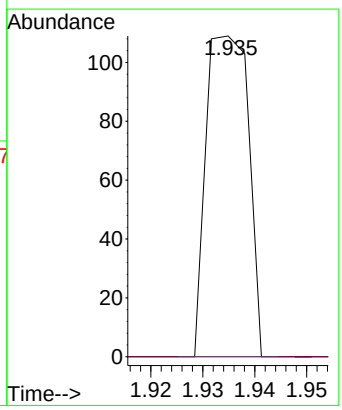


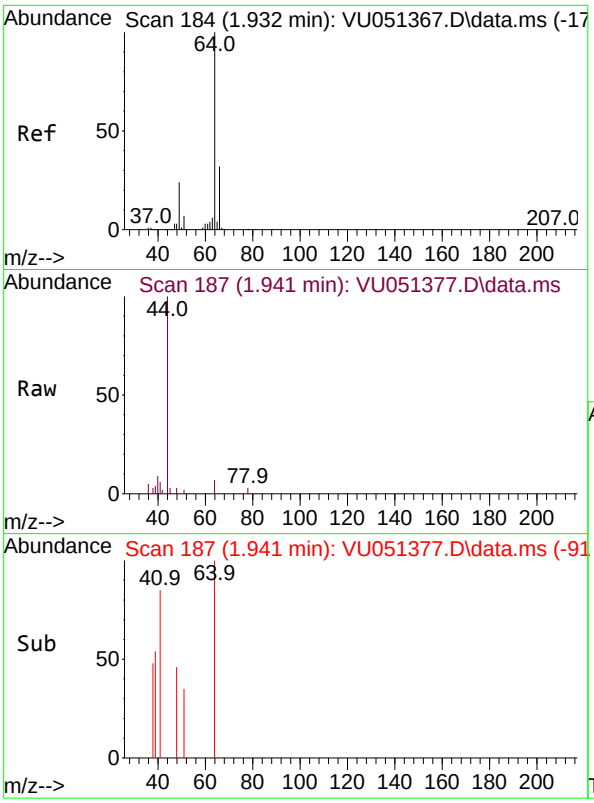


#6
Bromomethane
Concen: 1.075 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.080 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 94 Resp: 62

Ion	Ratio	Lower	Upper
94	100		
96	0.0	64.9	120.5#



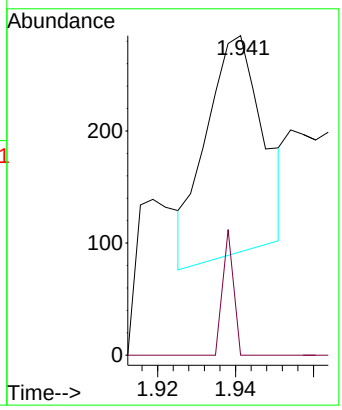


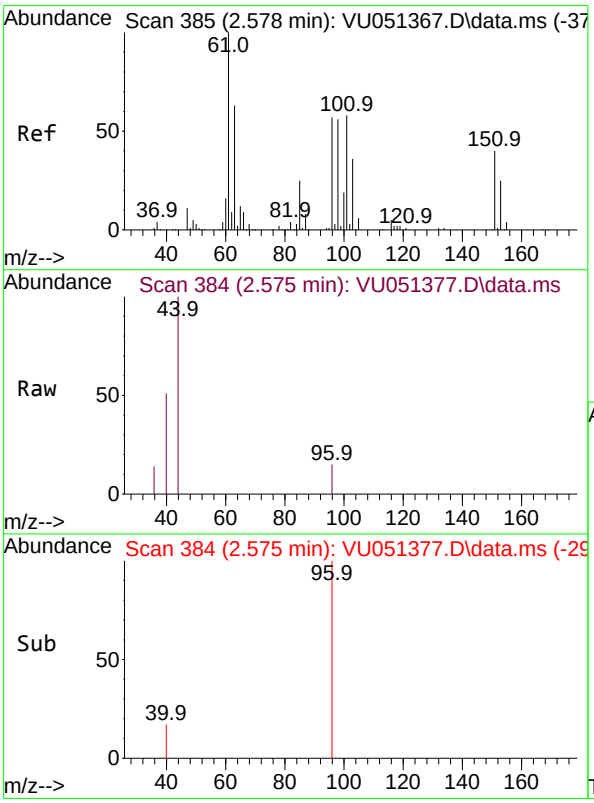
#8
Chloroethane
Concen: 2.916 ug/L
RT: 1.941 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 197

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.3#

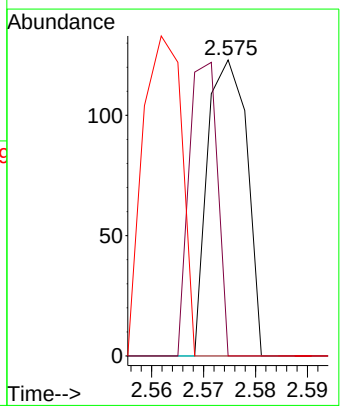


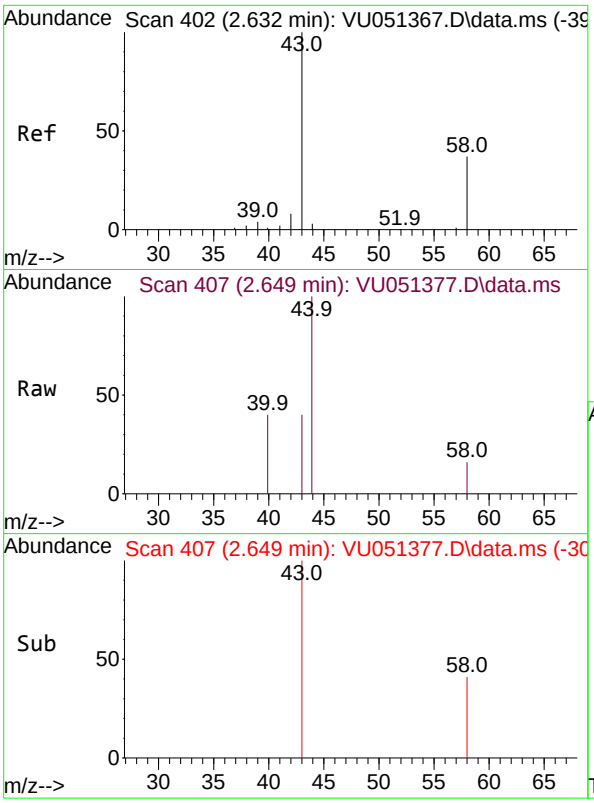


#12
1,1-Dichloroethene
Concen: 0.931 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 96 Resp: 64

Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.6	218.4#
63	0.0	85.2	158.2#



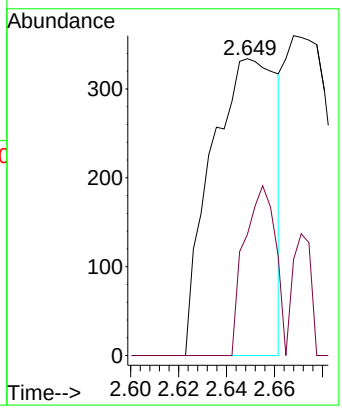


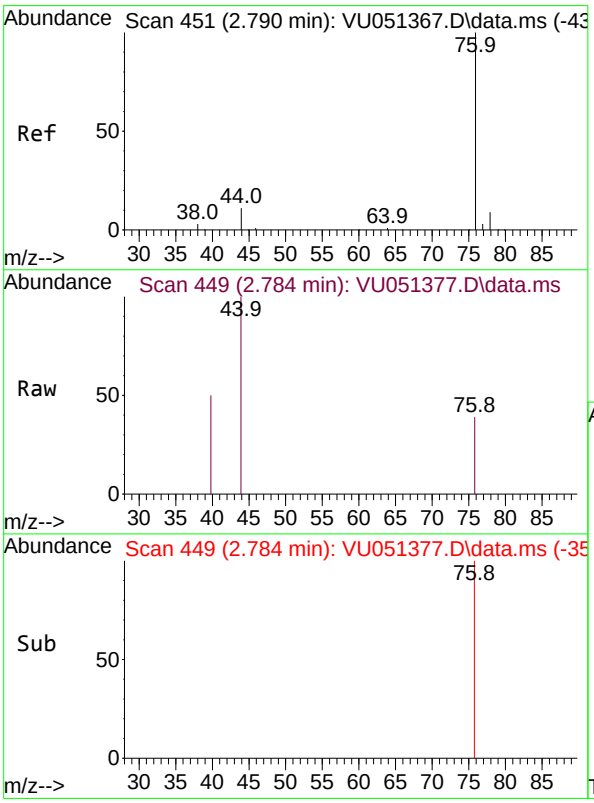
#13
Acetone
Concen: 50.076 ug/L
RT: 2.649 min Scan# 4(
Delta R.T. 0.016 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 629

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	68.8

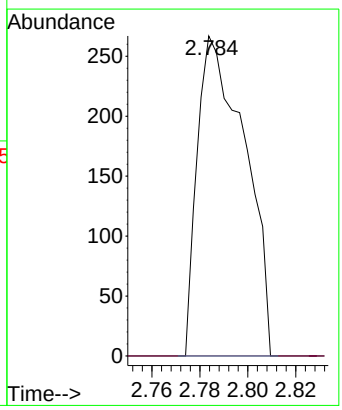


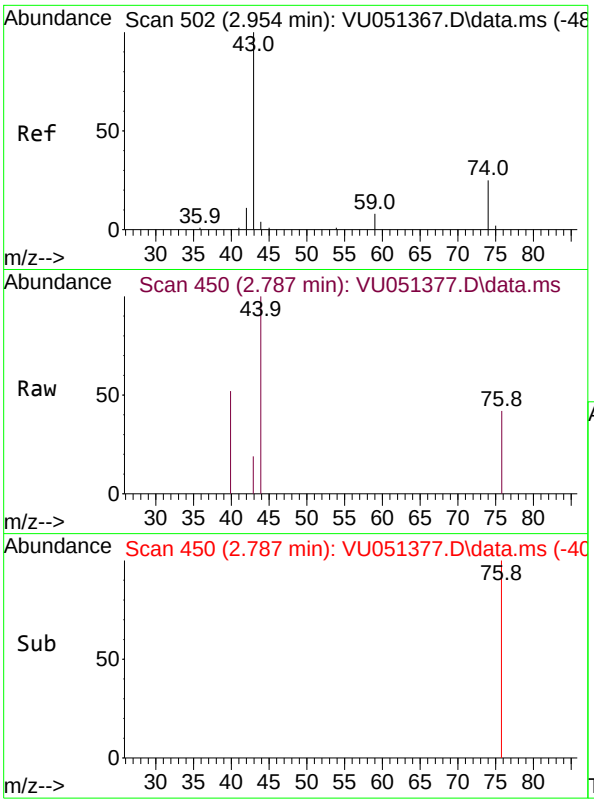


#14
Carbon disulfide
Concen: 1.738 ug/L
RT: 2.784 min Scan# 449
Delta R.T. -0.006 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 76 Resp: 366

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



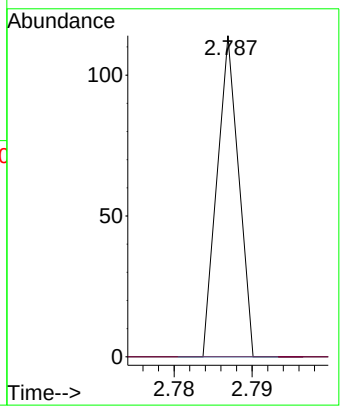


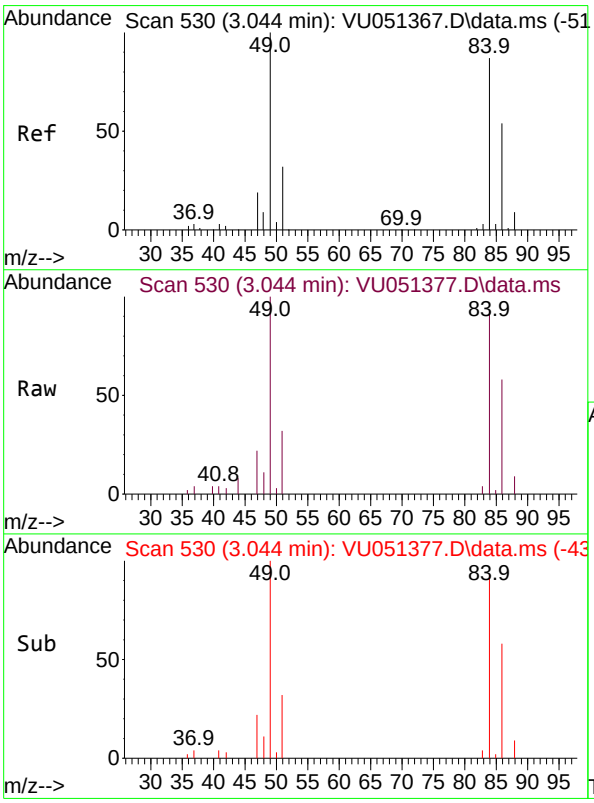
#15
Methyl Acetate
Concen: 0.720 ug/L
RT: 2.787 min Scan# 4
Delta R.T. -0.167 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 22

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#

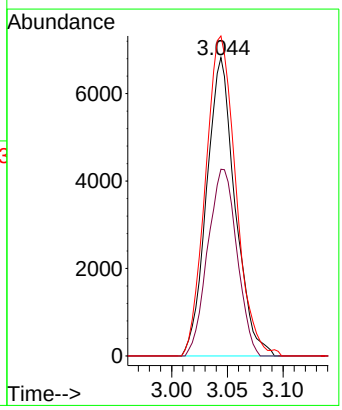


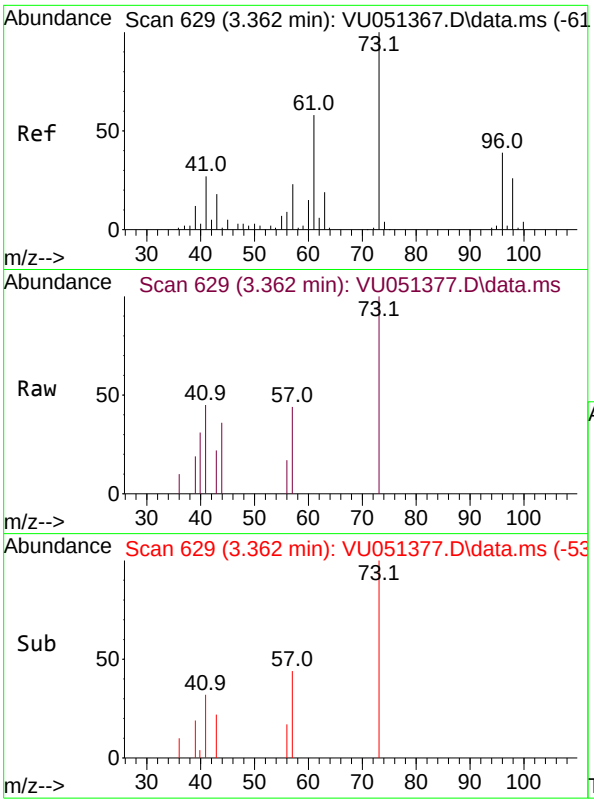


#16
Methylene chloride
Concen: 119.575 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 84 Resp: 12142

Ion	Ratio	Lower	Upper
84	100		
86	62.6	46.5	86.3
49	107.3	81.3	151.1



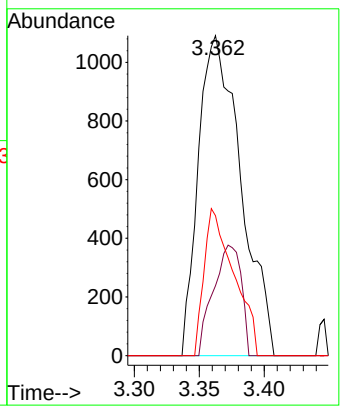


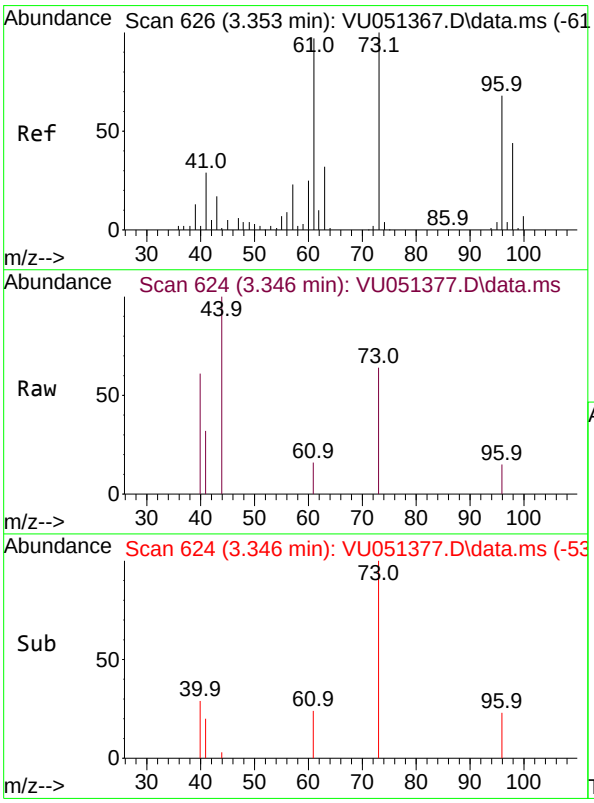
#17
Methyl tert-butyl Ether
Concen: 15.718 ug/L
RT: 3.362 min Scan# 6
Delta R.T. 0.000 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 2476

Ion	Ratio	Lower	Upper
73	100		
43	22.6	15.4	23.0
57	32.3	18.9	28.3#

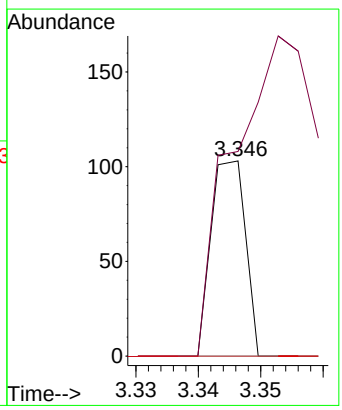


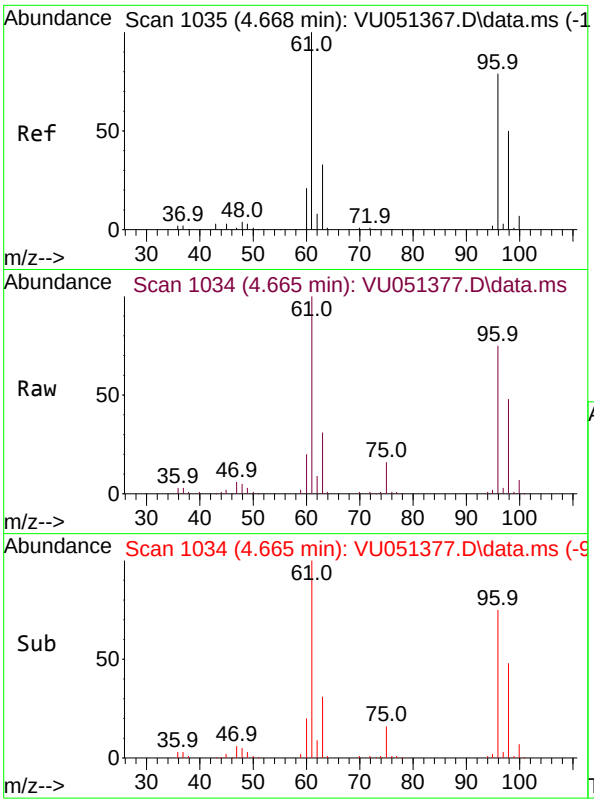


#18
trans-1,2-Dichloroethene
Concen: 0.539 ug/L
RT: 3.346 min Scan# 624
Delta R.T. -0.006 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 96 Resp: 39

Ion	Ratio	Lower	Upper
96	100		
61	104.9	101.4	188.2
98	0.0	44.9	83.5#



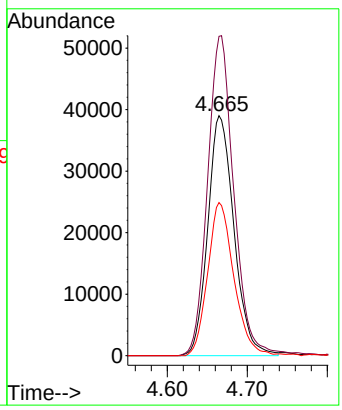


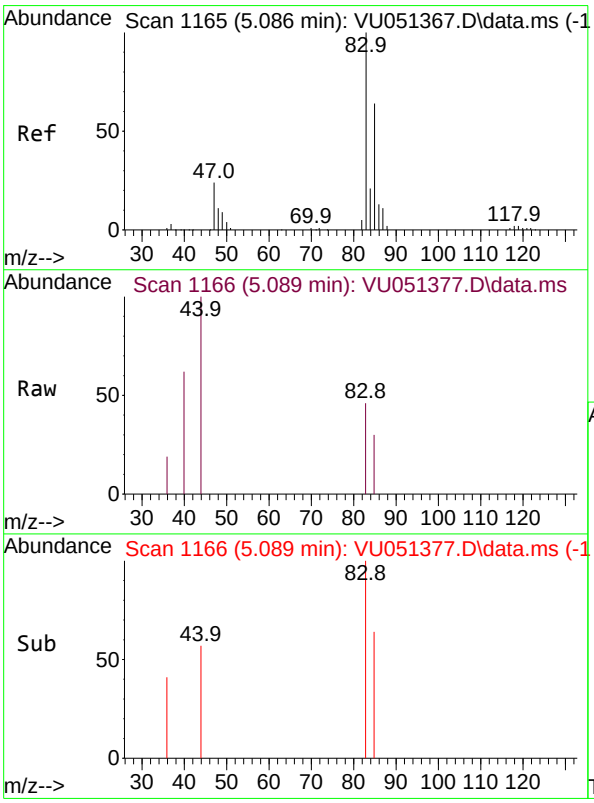
#22
cis-1,2-Dichloroethene
Concen: 1110.149 ug/L
RT: 4.665 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 88965

Ion	Ratio	Lower	Upper
96	100		
61	133.1	90.6	168.2
98	63.8	47.5	88.3

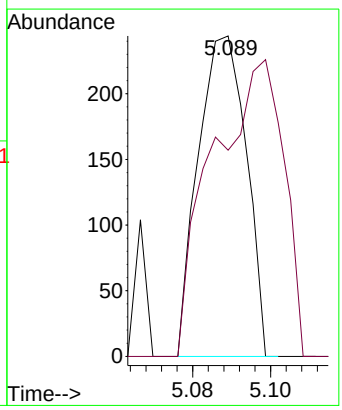


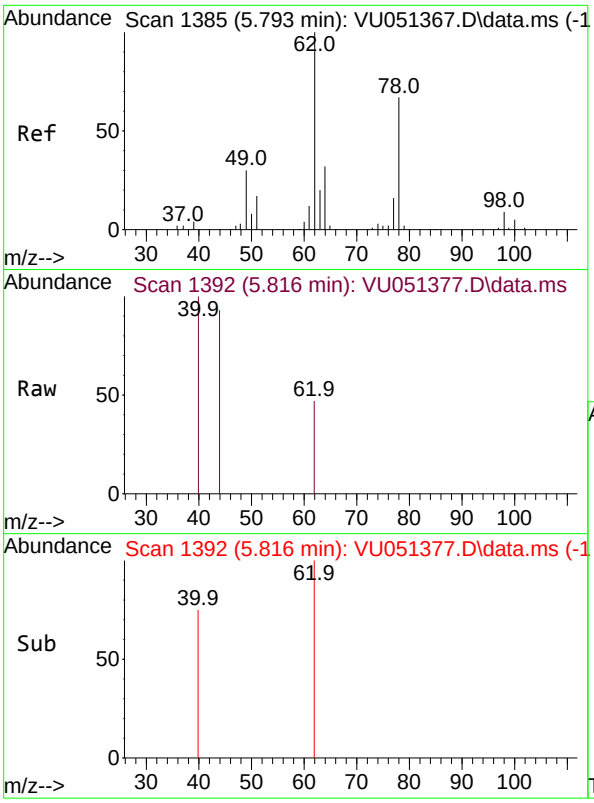


#25
Chloroform
Concen: 1.340 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 83 Resp: 209

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.6	84.6



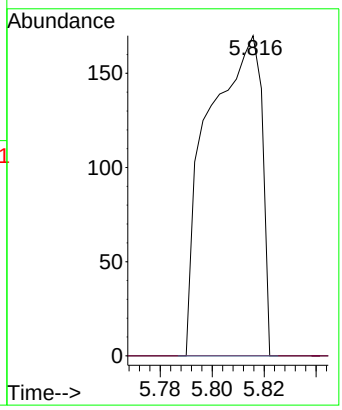


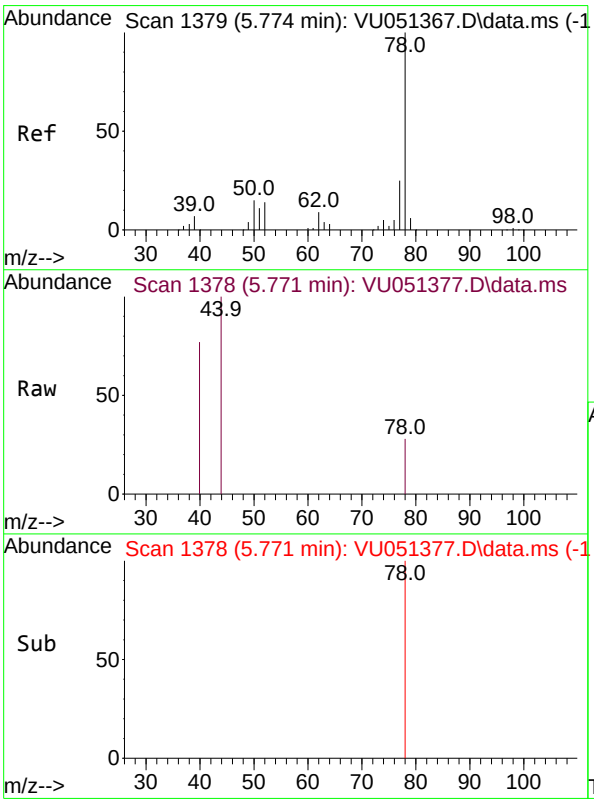
#27
1,2-Dichloroethane
Concen: 2.601 ug/L
RT: 5.816 min Scan# 1
Delta R.T. 0.023 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 243

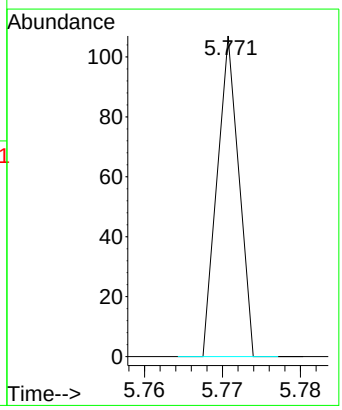
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.7	11.5#

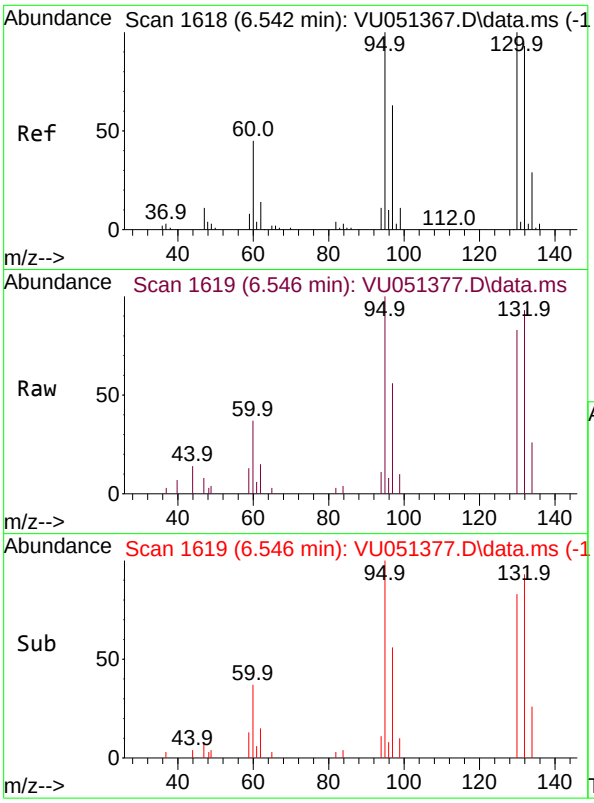




#33
Benzene
Concen: 0.065 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 78 Resp: 21



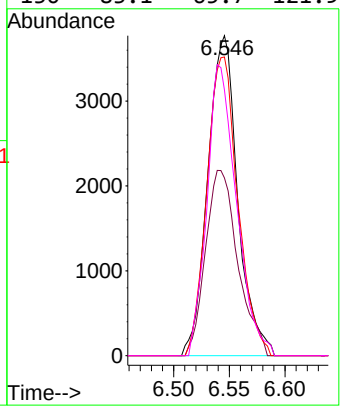


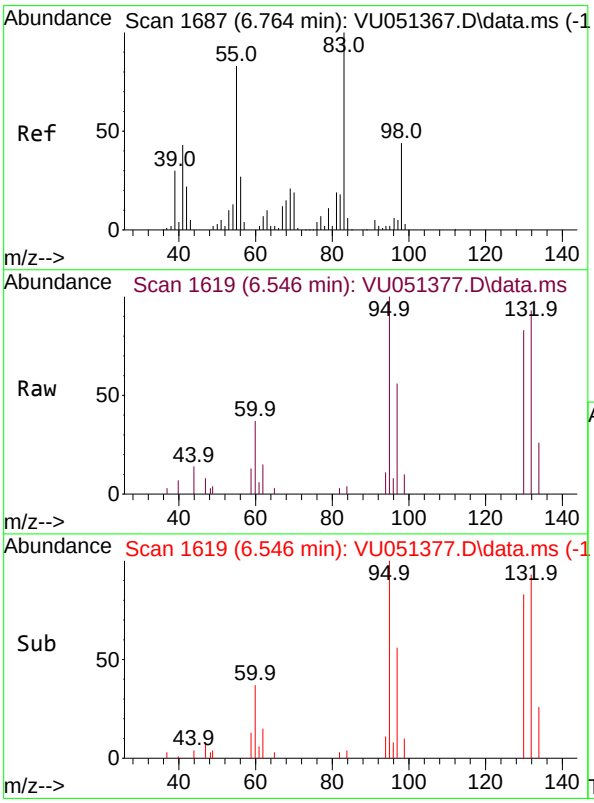
#34
Trichloroethene
Concen: 87.182 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 7050

Ion	Ratio	Lower	Upper
95	100		
97	55.6	45.4	84.2
132	93.4	63.1	117.3
130	83.1	65.7	121.9

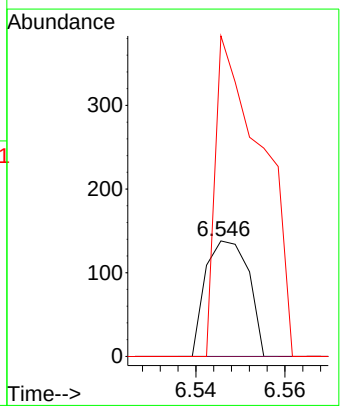


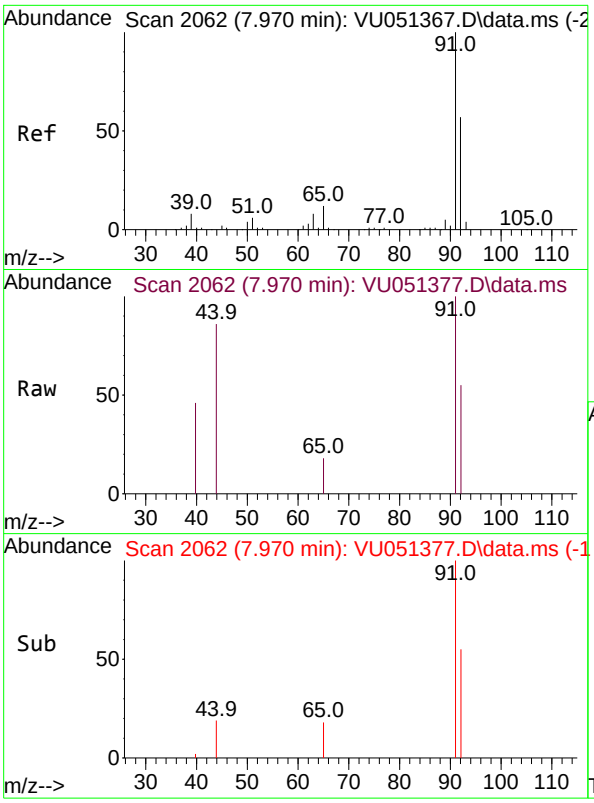


#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.219 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 83 Resp: 93

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.6#
98	300.0	35.9	53.9#



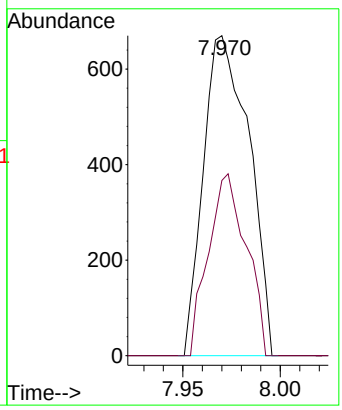


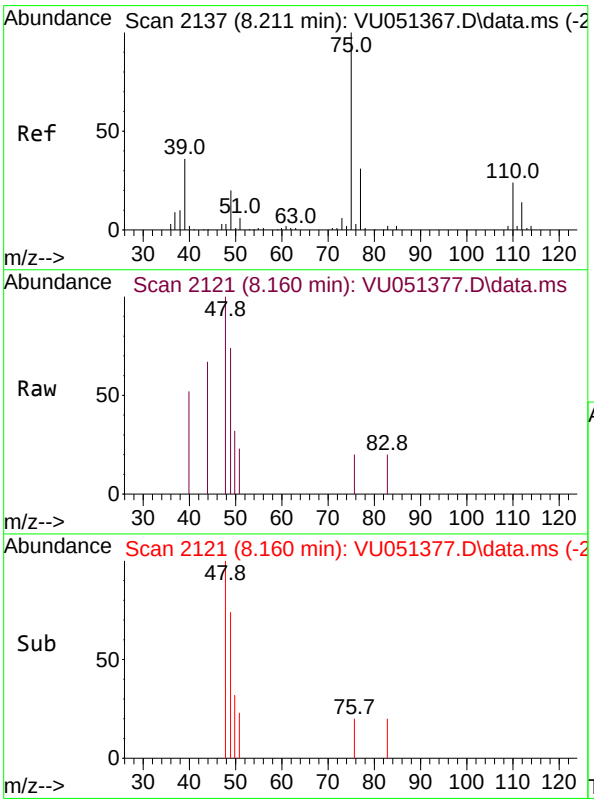
#42
Toluene
Concen: 3.171 ug/L
RT: 7.970 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 1091

Ion	Ratio	Lower	Upper
91	100		
92	54.8	39.9	74.1

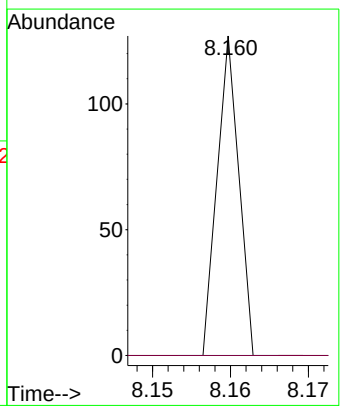


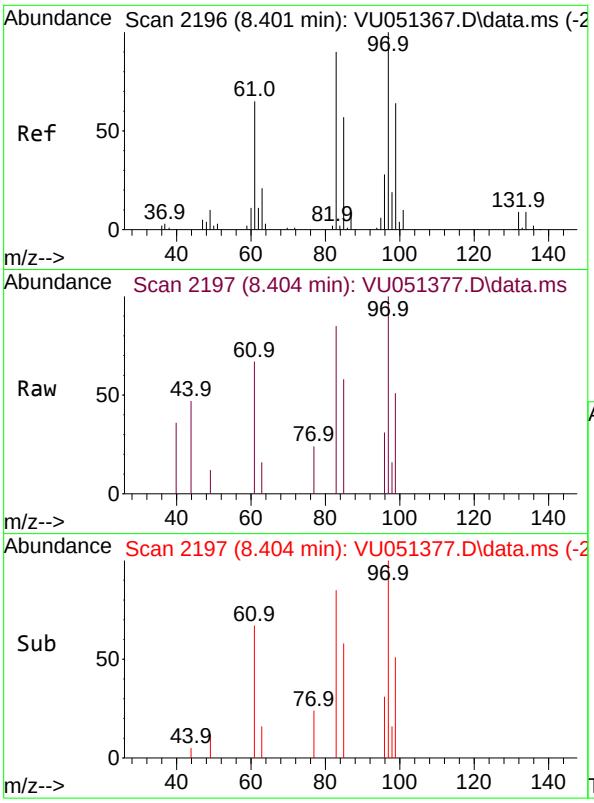


#44
trans-1,3-Dichloropropene
Concen: 0.271 ug/L
RT: 8.160 min Scan# 2121
Delta R.T. -0.051 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion: 75 Resp: 25

Ion	Ratio	Lower	Upper
75	100		
77	0.0	21.8	40.6#



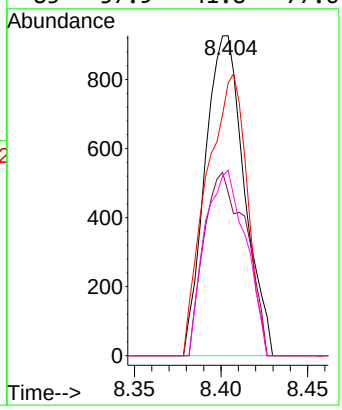


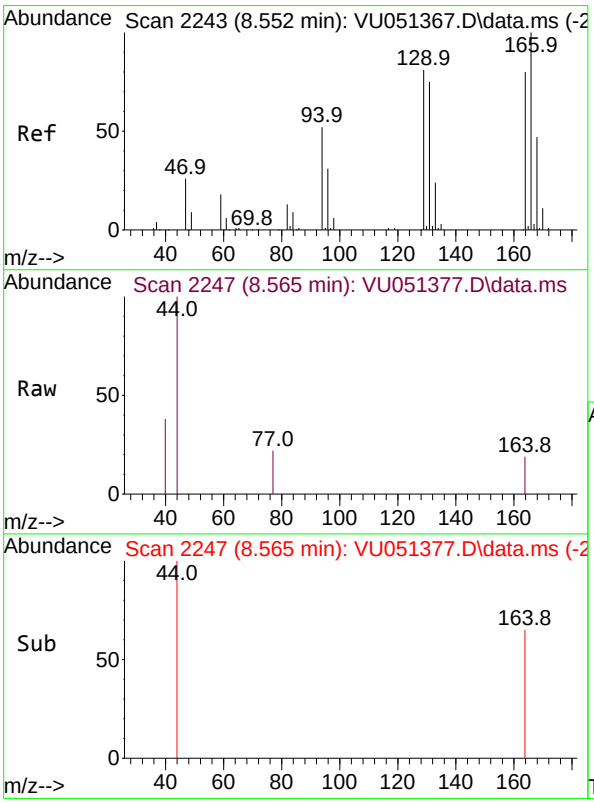
#45
1,1,2-Trichloroethane
Concen: 23.388 ug/L
RT: 8.404 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1459

Ion	Ratio	Lower	Upper
97	100		
99	51.0	45.3	84.1
83	85.1	63.1	117.1
85	57.9	41.8	77.6

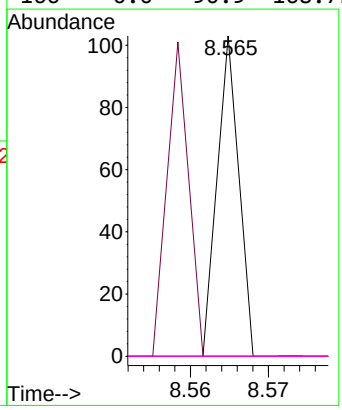


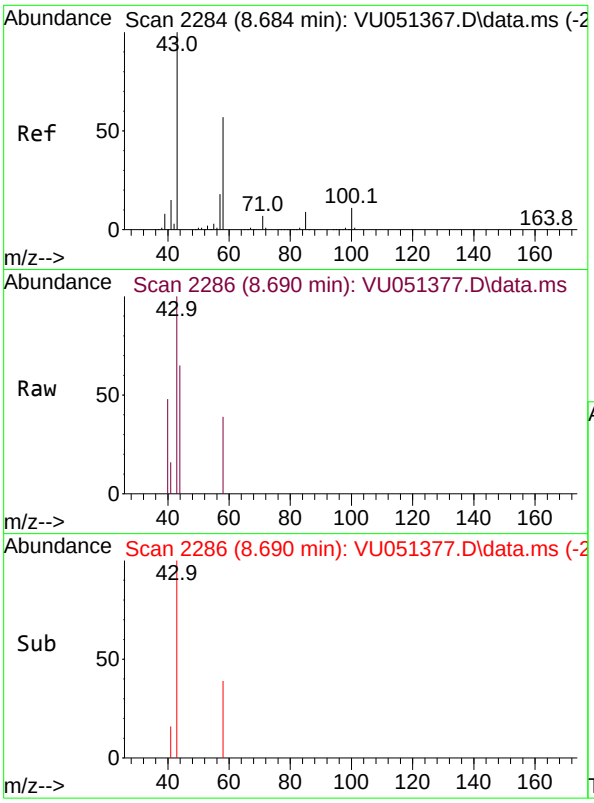


#47
Tetrachloroethene
Concen: 0.336 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.013 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion:164 Resp: 20

Ion	Ratio	Lower	Upper
164	100		
129	0.0	71.3	132.3#
131	0.0	66.9	124.3#
166	0.0	90.9	168.7#



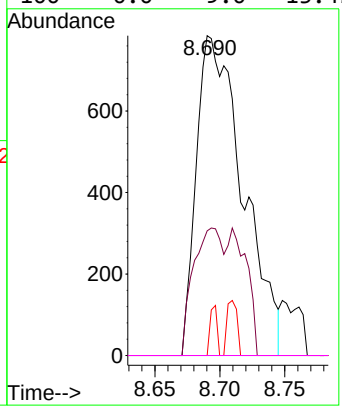


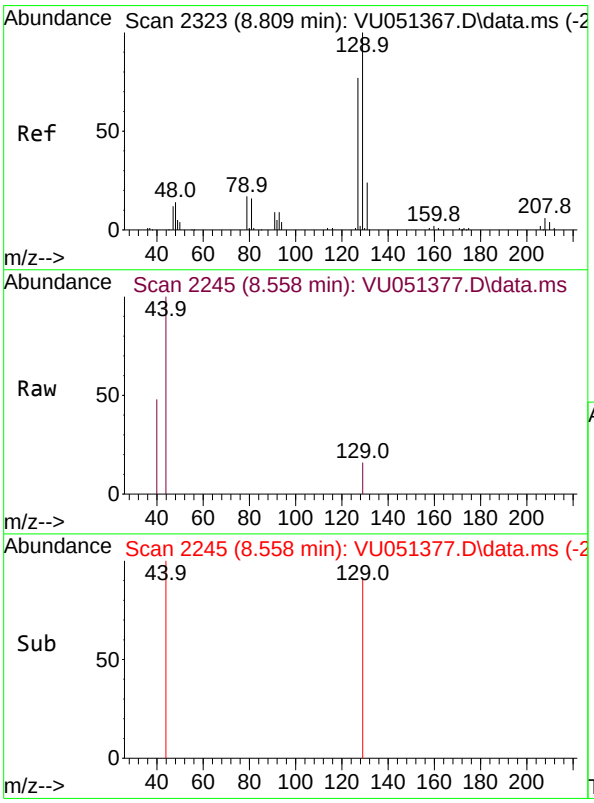
#48
2-Hexanone
Concen: 56.212 ug/L
RT: 8.690 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1951

Ion	Ratio	Lower	Upper
43	100		
58	25.2	48.2	72.2#
57	2.3	15.5	23.3#
100	0.0	9.0	13.4#

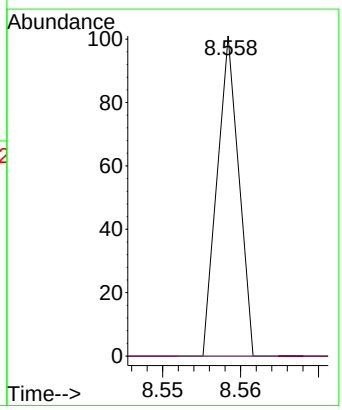


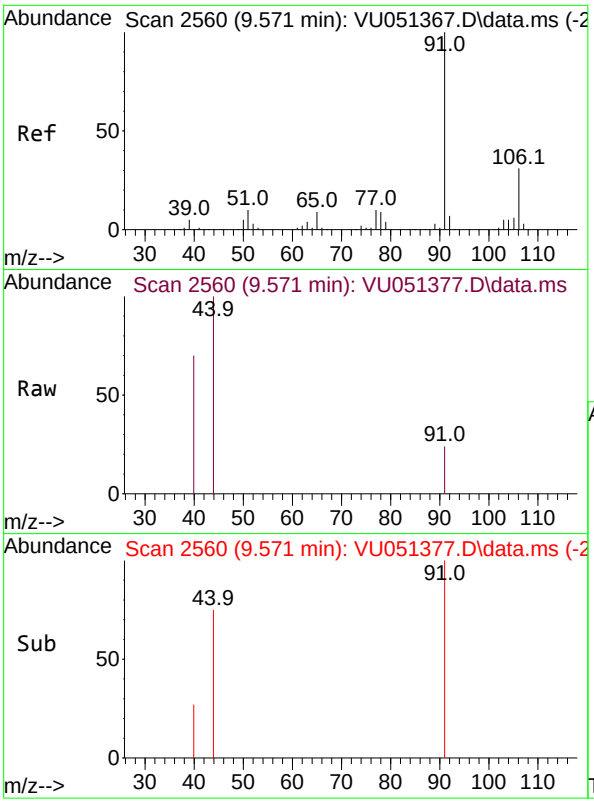


#49
Dibromochloromethane
Concen: 0.271 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.251 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion:129 Resp: 19

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#



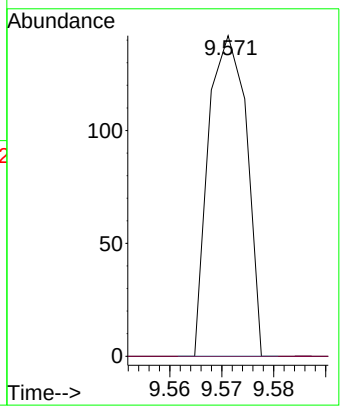


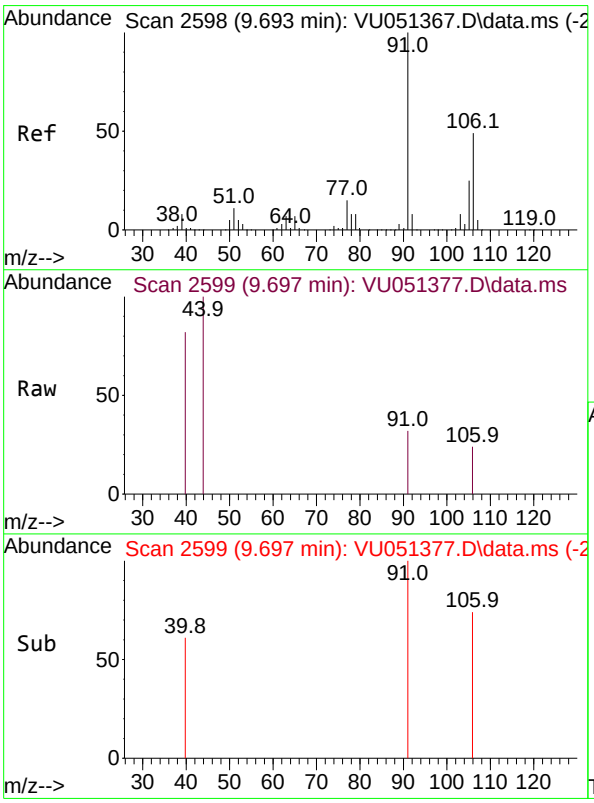
#52
Ethylbenzene
Concen: 0.233 ug/L
RT: 9.571 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 72

Ion	Ratio	Lower	Upper
91	100		
106	0.0	20.9	38.7#

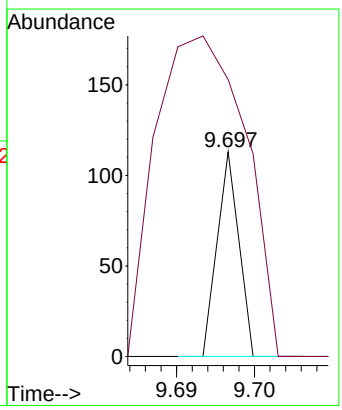


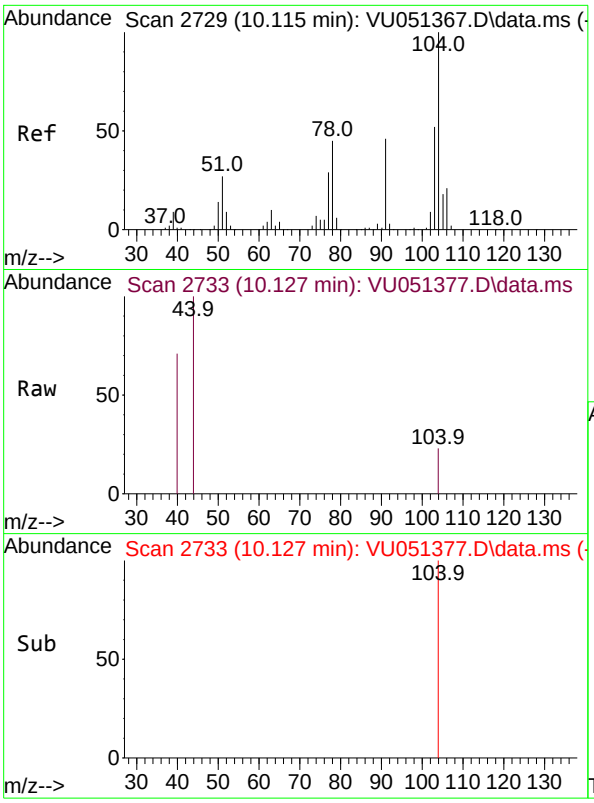


#53
m,p-Xylene
Concen: 0.183 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion:106 Resp: 22

Ion	Ratio	Lower	Upper
106	100		
91	135.4	143.9	267.3#



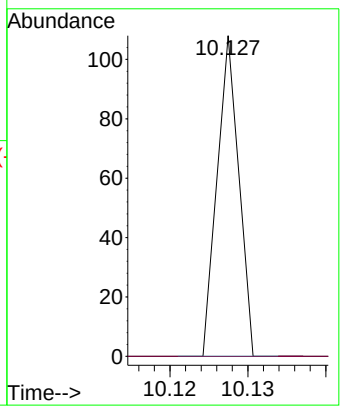


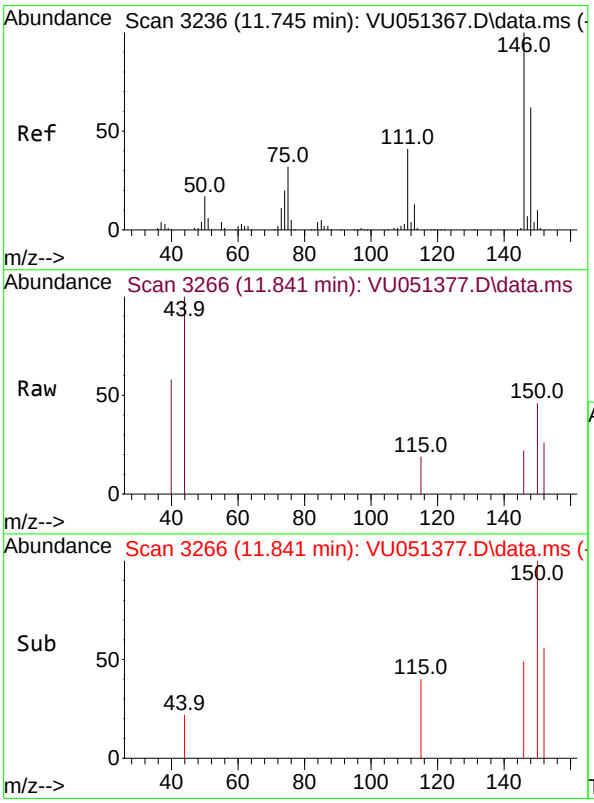
#55
Styrene
Concen: 0.108 ug/L
RT: 10.127 min Scan# 2
Delta R.T. 0.013 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 21

Ion	Ratio	Lower	Upper
104	100		
78	0.0	32.1	59.7#

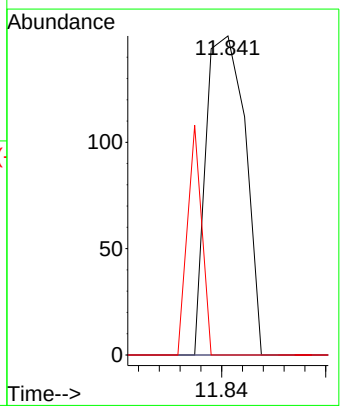


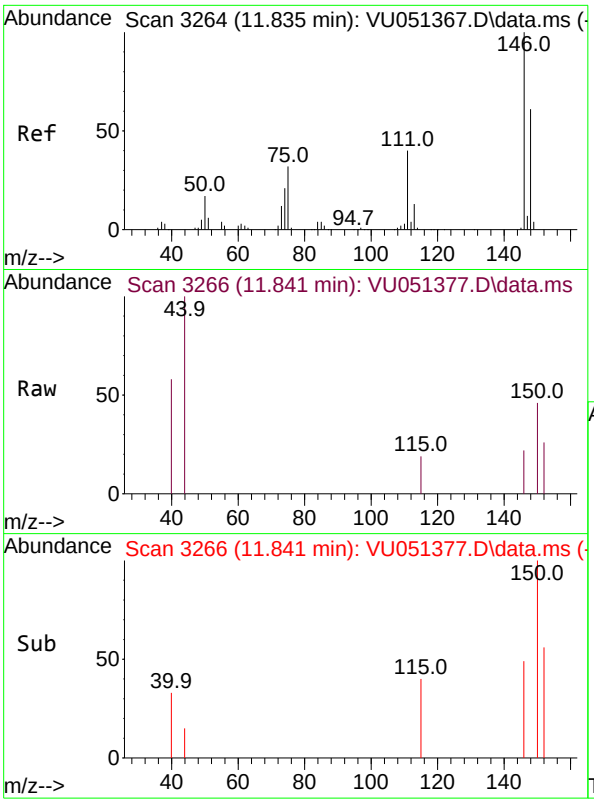


#64
1,3-Dichlorobenzene
Concen: 0.205 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.097 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion:146 Resp: 78

Ion	Ratio	Lower	Upper
146	100		
111	0.0	28.3	52.7#
148	0.0	43.8	81.4#



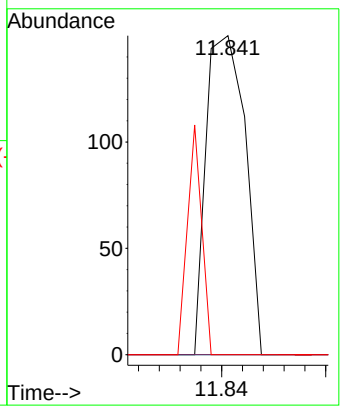


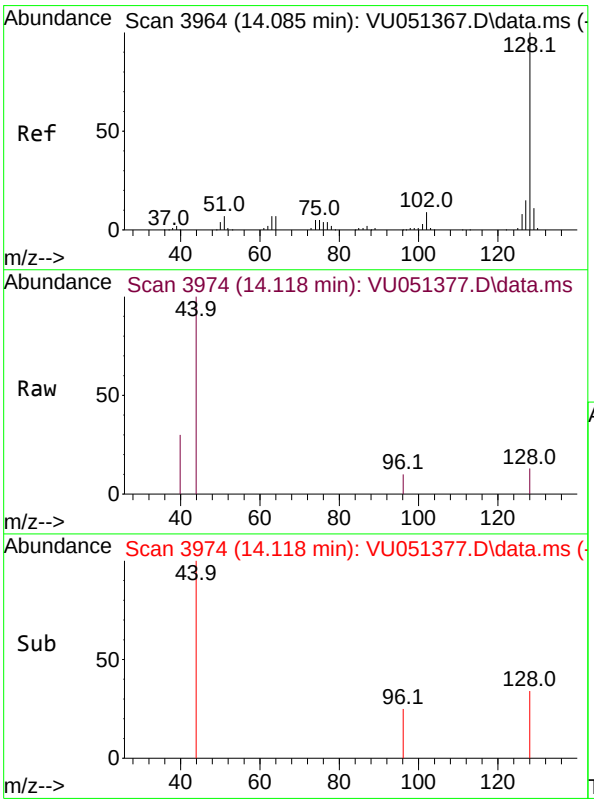
#65
1,4-Dichlorobenzene
Concen: 0.208 ug/L
RT: 11.841 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 78

Ion	Ratio	Lower	Upper
146	100		
111	0.0	29.1	54.1#
148	0.0	44.2	82.0#





#71
Naphthalene
Concen: 0.211 ug/L
RT: 14.118 min Scan# 3974
Delta R.T. 0.032 min
Lab File: VU051377.D
Acq: 11 Oct 2022 16:52

Tgt Ion:128 Resp: 73

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	11.1	16.7#